

Lee, J.

1632

#6  
hinda

PAGE: 1

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/392,822MAR 24 2000  
DATE: 03/21/2000  
TIME: 11:02:29  
TECH CENTER 16026298

Input Set: I392822.RAW

This Raw Listing contains the General Information  
Section and up to first 5 pages.

ENTERED

```
1 <110> APPLICANT: Yu, De Chao
2 Henderson, Daniel
3 <120> TITLE OF INVENTION: Adenovirus Vectors Containing Cell
4 Status-Specific Response Elements and Methods of Use Thereof
5 <130> FILE REFERENCE: 348022001200
6 <140> CURRENT APPLICATION NUMBER: US/09/392,822
7 <141> CURRENT FILING DATE: 1999-09-09
8 <150> EARLIER APPLICATION NUMBER: 60/099,791
9 <151> EARLIER FILING DATE: 1998-09-10
10 <160> NUMBER OF SEQ ID NOS: 9
11 <170> SOFTWARE: FastSEQ for Windows Version 3.0
12 <210> SEQ ID NO 1
13 <211> LENGTH: 67
14 <212> TYPE: DNA
15 <213> ORGANISM: Rattus rattus
16 <400> SEQUENCE: 1
17 ccccgaggca gtgcatgagg ctcagggcgt gcgtgagtcg cagcgagacc ccgggggtgca 60
18 ggccgga 67
19 <210> SEQ ID NO 2
20 <211> LENGTH: 1519
21 <212> TYPE: DNA
22 <213> ORGANISM: Homo Sapien
23 <400> SEQUENCE: 2
24 gggcccaaaa ttagcaagtg accacgtggt tctgaagcca gtggcctaag gaccaccctt 60
25 gcagaaccgt ggtctccttg tcacagtcta ggcagcctct ggcttagcct ctgtttcttt 120
26 cataaccttt ctcagcgctt gctctgggcc agaccagtgt tgggaggagt cgctactgag 180
27 ctcttagatt ggcaggggag gcagatggag aaaaggagtg tgtgtggtca gcattggagc 240
28 agaggcagca gtgggcaata gaggaagtga gtaaactcctt gggagggctc cctagaagtg 300
29 atgtgttttc tttttttgtt ttagagacag gatctcgctc tgctcgcccag gctgggtgtgc 360
30 agtggcatga tcatagctca ctgcagcctc gacttctcgg gctcaagcaa tcctcccacc 420
31 tcagcctccc aagtagctgg gactacgggc acacgccacc atgcctggct aatttttgta 480
32 tttttttag agatgggtct tcaccatggt gatcaggctg gtctcgaact cctgggctca 540
33 tgcgatccac cccgccagct gattacaggg attccggtgg tgagccaccg cgcccagacg 600
34 ccacttcac gtattgtaaa cgtctgttac ctttctgttc ccctgtctac tggactgtga 660
35 gctccttagg gccacgaatt gaggatgggg cacagagcaa gctctccaaa cgtttggtga 720
36 atgagtggag gaatgaatga gttcaagcag atgctatacg ttggctgttg gagattttgg 780
37 ctaaaatggg acttgacgga aagcccgacg tccccctcgc catttccagg caccgctctt 840
38 cagcttgggc tctgggtgag cgggataggg ctgggtgcag gattaggata atgtcatggg 900
39 tgaggcaagt tgaggatgga agaggtggct gatggctggg ctgtggaact gatgatcctg 960
40 aaaagaagag gggacagtct ctggaaatct aagctgaggc tgttgggggc tacaggttga 1020
41 gggtcacgtg cagaagagag gctctgttct gaacctgcac tatagaaagg tcagtgggat 1080
42 gcgggagcgt cggggcgggg cggggcctat gttcccggtt cccacgcct ccagcagggg 1140
43 acgcccgggc tggggcgggg gagtcaagacc gcgcctggtt ccatccggac aaagcctgcg 1200
44 cgcgccccgc ccgcccattg gccgtaccgc cccgcgcgcg cgccccatcc cgcccctcgc 1260
```

MAR 24 1632

PAGE: 2

TECH CENTER 1600/2900  
 RAW SEQUENCE LISTING  
 PATENT APPLICATION US/09/392,822

DATE: 03/21/2000  
 TIME: 11:26:36

Input Set: I392822.RAW

```

45      cgccgggtcc ggcgcgtaa agccaatagg aaccgcccgc gttgttcccg tcacggccgg      1320
46      ggcagccaat tgtggcggcg ctggcgggct cgtggctctt tcgcggaata aaggatttgg      1380
47      cgcgtaaaag tggccgggac tttgcaggca gcggcgggcg gggcgggagc gggatcgagc      1440
48      cctcgccgag gcctgccgcc atgggcccgc gccgcccgcg ccgcctgtca cccgggcccgc      1500
49      gcgggcccgtg agcgtcatg                                     1519
50      <210> SEQ ID NO 3
51      <211> LENGTH: 5836
52      <212> TYPE: DNA
53      <213> ORGANISM: Homo Sapien
54      <220> FEATURE:
55      <223> OTHER INFORMATION: Nucleotide sequence of a prostate-specific antigen
56      TRE
57      <400> SEQUENCE: 3
58      aagcttctag ttttcttttc ccggtgacat cgtggaaagc actagcatct ctaagcaatg      60
59      atctgtgaca atattcacag tgtaatgcca tccaggaac tcaactgagc cttgatgtcc      120
60      agagattttt gtgttttttt ctgagactga gtctcgctct gtgccaggct ggagtgcagt      180
61      ggtgcaacct tggctcactg caagctccgc ctctggggtt cagccattc tctgcctca      240
62      gcctcctgag tagctgggac tacaggcacc gccaccacg cctggctaata ttttttgtat      300
63      ttttagtaga gatgggggtt cactgtgtta gccaggatgg tctcagtctc ctgacctcgt      360
64      gatctgcca ccttggcctc ccaaagtgtc gggatgacag gcgtgagcca ccgcgcctgg      420
65      ccgatatcca gagatttttt ggggggctcc atcacacaga catgttgact gtcttcatgg      480
66      ttgactttta gtatccagcc cctctagaaa tctagctgat atagtgtggc tcaaacctt      540
67      cagcacaat cacaccgta gactatctgg tgtggcccaa accttcaggt gaacaaaggg      600
68      actctaactc ggcaggatat tccaaagcat tagagatgac ctcttgcaaa gaaaaagaaa      660
69      tggaaaaagaa aaagaaagaa aggaaaaaaa aaaaaaaaaa gagatgacct ctcaggctct      720
70      gaggggaaac gcctgaggtc tttgagcaag gtcagtcctc tgttgacacag tctccctcac      780
71      agggtcattg tgacgatcaa atgtggtcac gtgtatgagg caccagcaca tgctggctc      840
72      tggggagtgc cgtgtaagt tatgcttgca ctgctgaatg cttgggatgt gtcagggtatt      900
73      atcttcagca cttacagatg ctcatctcat cctcacagca tcactatggg atgggtatta      960
74      ctggcctcat ttgatggaga aagtggctgt ggctcagaaa ggggggacca ctgaccagg      1020
75      gacactctgg atgtgggga ctccagagac catgaccact caccaactgc agagaaatta      1080
76      attgtggcct gatgtccctg tcttgagag ggtggagggt gaccttact aacctcctac      1140
77      cttgaccctc tcttttaggg ctctttctga cctccaccat ggtactagga cccattgta      1200
78      ttctgtaccc tcttgactct atgaccccca ctgcccactg catccagctg ggtccctcc      1260
79      tatctctatt cccagctggc cagtgcagtc tcagtgccca cctgtttgtc agtaactctg      1320
80      aaggggctga cattttactg acttgcaaac aaataagcta actttccaga gttttgtgaa      1380
81      tgctggcaga gtccatgaga ctccagagc agaggcaaa gcttttactg ctcacagctt      1440
82      agcagacagc atgaggttca tgttcacatt agtacacctt gccccccca aatctttag      1500
83      ggtgaccaga gcagtctagg tggatgctgt gcagaagggg tttgtgccac tggtagagaa      1560
84      cctgagatta ggaatcctca atcttatact gggacaactt gcaaacctgc tcagcctttg      1620
85      tctctgatga agatattatc ttcatgatct tggattgaaa acagacctac tctggaggaa      1680
86      catattgtat cgattgtcct tgacagtaaa caaatctgtt gtaagagaca ttatctttat      1740
87      tatctaggac agtaagcaag cctggatctg agagagatat catcttgcaa ggatgcctgc      1800
88      tttacaaaca tccttgaaac aacaatccag aaaaaaaaaa gtgttgctgt ctttgctcag      1860
89      aagacacaca gatactgac agaaccatgg agaattgcct cccaacgtg ttcagccaga      1920
90      gccttccacc cttgtctgca ggacagtctc aacgttccac cattaaatac ttcttctatc      1980
91      acatcctgct tctttatgcc taaccaagggt tctaggctcc gatcgactgt gtctggcagc      2040
92      actccactgc caaacccaga ataaggcagc gctcaggatc ccgaaggggc atggctgggg      2100
93      atcagaactt ctgggtttga gtgaggagt ggtccaccct cttgaatttc aaaggaggaa      2160
94      gaggtggat gtgaaggtag tgggggaggg aaagtgtcag ttccgaactc ttaggtcaat      2220

```

PAGE: 3

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/392,822

DATE: 03/21/2000

TIME: 11:26:36

Input Set: I392822.RAW

95	gagggaggag	actggttaagg	tcccagctcc	cgaggtactg	atgtgggaat	ggcctaagaa	2280
96	tctcatatcc	tcaggaagaa	ggtgctggaa	tccctgagggg	tagagttctg	ggtatatattg	2340
97	tggcttaagg	ctctttggcc	cctgaaggca	gaggctggaa	ccattaggtc	caggggtttgg	2400
98	ggtgatagta	atgggatctc	ttgattcctc	aagagtctga	ggatcgaggg	ttgccattc	2460
99	ttccatcttg	ccacctaatc	cttactccac	ttgaggggat	caccagccct	tctagctcca	2520
100	tgaaggtccc	ctgggcaagc	acaatctgag	catgaaagat	gccccagagg	ccttgggtgt	2580
101	catccactca	tcacccagca	tcacactctg	aggggtgtggc	cagcaccatg	acgtcatgtt	2640
102	gctgtgacta	tccttgacgc	gtgcctctcc	agccacctgc	caaccgtaga	gctgccatc	2700
103	ctcctctggg	gggagtggcc	tgcatggtgc	caggctgagg	cctagtgtca	gacagggagc	2760
104	ctggaatcat	agggatccag	gactcaaaag	tgctagagaa	tggccatatg	tcaccatcca	2820
105	tgaaatctca	agggcttctg	ggtggagggc	acagggacct	gaacttatgg	tttcccaagt	2880
106	ctattgctct	cccaagttag	tctcccagat	acgaggcact	gtgccagcat	cagccttata	2940
107	tccaccacat	cttgtaaaag	gactaccag	ggccctgatg	aacaccatgg	tgtgtacagg	3000
108	agtagggggg	ggaggcacgg	actcctgtga	ggtcacagcc	aaggagcat	catcatgggt	3060
109	ggggaggagg	caatggacag	gcttgagaac	ggggatgtgg	ttgtatttgg	ttttctttgg	3120
110	ttagataaag	tgctgggtat	aggattgaga	gtggagtatg	aagaccagtt	aggatggagg	3180
111	atcagattgg	agttgggtta	gataaagtgc	tgggtatagg	attgagagtg	gagtatgaag	3240
112	accagttagg	atggaggatc	agattggagt	tgggttagag	atggggtaaa	attgtgctcc	3300
113	ggatgagttt	gggattgaca	ctgtggaggt	ggtttgggat	ggcatggctt	tgggatggaa	3360
114	atagatttgt	tttgatgttg	gctcagacat	ccttggggat	tgaactgggg	atgaagctgg	3420
115	gtttgatttt	ggaggtagaa	gacgtggaag	tagctgtcag	atttgacagt	ggccatgagt	3480
116	tttgtttgat	ggggaatcaa	acaatggggg	aagacataag	ggttggcttg	ttaggttaaag	3540
117	ttgcgttggg	ttgatggggg	cggggctgtg	tataatgcag	ttggattggg	ttgtattaaa	3600
118	ttgggttggg	tcaggttttg	gttgaggatg	agttgaggat	atgcttgggg	acaccggatc	3660
119	catgaggttc	tactggagt	ggagacaaac	ttcctttcca	ggatgaatcc	aggggaagcct	3720
120	taattcacgt	gtagggggagg	tcaggccact	ggctaagtat	atccttccac	tccagctcta	3780
121	agatggtctt	aaattgtgat	tatctatata	cacttctgtc	tccctcactg	tgcttggagt	3840
122	ttacctgata	actcaactag	aaacagggga	agattttatc	aaattctttt	tttttttttt	3900
123	ttttttttga	gacagagtct	cactctgttg	cccaggctgg	agtgcagtgg	cgcagtctcg	3960
124	gctcactgca	acctctgcct	cccaggttca	agtattctc	ctgcctcagc	ctcctgagtt	4020
125	gctgggatta	caggcatgca	gcaccatgcc	cagctaattt	ttgtattttt	agtagagatg	4080
126	gggtttcacc	aatgtttgcc	aggctggcct	cgaactcctg	acctgggtgat	ccacctgcct	4140
127	cagcctccca	aagtgtctgg	attacaggcg	tcagccaccg	cggccagcca	cttttgtcaa	4200
128	attcttgaga	cacagctcgg	gctggatcaa	gtgagctact	ctggttttat	tgaacagctg	4260
129	aaataaccaa	ctttttggaa	attgatgaaa	tcttacggag	ttaacagtgg	aggtaccagg	4320
130	gctcttaaga	gttcccgtatt	ctcttctgag	actacaaatt	gtgattttgc	atgccacctt	4380
131	aatctttttt	tttttttttt	taaatcgagg	tttcagtctc	attctatttc	ccaggctgga	4440
132	gttcaatagc	gtgatcacag	ctcactgtag	ccttgaactc	ctggccttaa	gagattctcc	4500
133	tgcttcgggc	tcccaatagc	taagactaca	gtagtccacc	accatatcca	gataattttt	4560
134	aaattttttg	gggggcccgg	cacagtggct	cagcctgtga	atcccaacac	catgggaggc	4620
135	tgagatgggt	ggatcacgag	gtcaggagtt	tgagaccagc	ctgaccaaca	tggtgaaact	4680
136	ctgtctctac	taaaaaaaaa	aaaaatagaa	aaattagccg	ggcgtgggtg	cacacggcac	4740
137	ctgtaatccc	agctactgag	gaggctgagg	caggagaatc	acttgaaccc	agaaggcaga	4800
138	ggttgcaatg	agccgagatt	gcgccactgc	actccagcct	gggtgacaga	gtgagactct	4860
139	gtctcaaaaa	aaaaaaaaatt	tttttttttt	tttgtagaga	tggatcttgc	tttgtttctc	4920
140	tgggtggcct	tgaactcctg	gcttcaagtg	atcctcctac	cttggcctcg	gaaagtgttg	4980
141	ggattacagg	cgtgagccac	catgactgac	ctgtcggtta	tcttgaggta	cataaacctg	5040
142	gctcctaaag	gctaaaggct	aaatatttgt	tggagaaggg	gcattggatt	ttgcatgagg	5100
143	atgattctga	cctgggaggg	caggctcagca	ggcatctctg	ttgcacagat	agagtgtaca	5160
144	ggtctggaga	acaaggagtg	gggggttatt	ggaattccac	attgtttgct	gcacgttgga	5220

PAGE: 4

# RAW SEQUENCE LISTING PATENT APPLICATION US/09/392,822

DATE: 03/21/2000

TIME: 11:26:36

Input Set: I392822.RAW

145	ttttgaaatg	ctaggggaact	ttgggagact	catatttctg	ggctagagga	tctgtggacc	5280
146	acaagatctt	tttatgatga	cagtagcaat	gtatctgtgg	agctggattc	tgggttggga	5340
147	gtgcaaggaa	aagaatgtac	taaatgccaa	gacatctatt	tcaggagcat	gaggaataaa	5400
148	agttctagtt	tctggtctca	gagtgggtgca	gggatcaggg	agtctcacia	tctcctgagt	5460
149	gctgggtgtct	tagggcacac	tgggtcttgg	agtgcaaagg	atctaggcac	gtgaggcttt	5520
150	gtatgaagaa	tcggggatcg	taccaccccc	ctgtttctgt	ttcatcctgg	gcatgtctcc	5580
151	tctgcctttg	ccccctagat	gaagtctcca	tgagctacaa	gggcctgggtg	catccagggt	5640
152	gatctagtaa	ttgcagaaca	gcaagtgtcta	gctctccctc	cccttcacac	gctctgggtg	5700
153	tgggaggggg	ttgtccagcc	tccagcagca	tggggagggc	cttgggtcagc	ctctgggtgc	5760
154	cagcagggca	ggggcgaggt	cctgggggaat	gaaggtttta	tagggctcct	gggggaggct	5820
155	ccccagcccc	aagctt					5836
156	<210>	SEQ ID NO 4					
157	<211>	LENGTH: 15056					
158	<212>	TYPE: DNA					
159	<213>	ORGANISM: Homo Sapien					
160	<400>	SEQUENCE: 4					
161	aagcttttta	gtgctttaga	cagtgtgctg	gtctgtctaa	cccaagtgtg	ctgggctcca	60
162	tactcagccc	cagaagtgtg	gggtgaagct	gggtggagcc	aaaccaggca	agcctaccct	120
163	cagggctccc	agtggcctga	gaaccatttg	accaggacc	cattacttct	agggtaagga	180
164	aggtacaaac	accagatcca	accatggtct	ggggggacag	ctgtcaaagt	cctaaaaata	240
165	tacctgggag	aggagcaggc	aaactatcac	tgccccaggt	tctctgaaca	gaaacagagg	300
166	ggcaacccaa	agtccaaatc	caggtgtgca	ggtgcaccaa	atgccagag	atatgacgag	360
167	gcaagaagtg	aaggaaccac	ccctgcatca	aatgttttgc	atgggaagga	gaaggggggt	420
168	gctcatgttc	ccaatccagg	agaatgcatt	tgggatctgc	cttcttctca	ctccttggtt	480
169	agcaagacta	agcaaccagg	actctggatt	tggggaaaga	cgtttatttg	tggaggccag	540
170	tgatgacaat	cccacgaggg	cctaggtgaa	gagggcagga	aggctcgaga	cactggggac	600
171	tgagtgtaaa	ccacacccat	gatctgcacc	accatggat	gctccttcat	tgctcacctt	660
172	tctgttgata	tcagatggcc	ccattttctg	taccttcaca	gaaggacaca	ggctagggtc	720
173	tgtgcatggc	cttcatcccc	ggggccatgt	gaggacagca	gggtgggaaag	atcatgggtc	780
174	ctcctgggtc	ctgcagggcc	agaacattca	tcaccatac	tgacctcta	gatgggaatg	840
175	gcttccctgg	ggctgggcca	acggggcctg	ggcaggggag	aaaggacgtc	aggggacagg	900
176	gaggaagggg	catcgagacc	cagcctggaa	ggttcttgtc	tctgaccatc	caggatttac	960
177	ttccctgcat	ctacctttgg	tcattttccc	tcagcaatga	ccagctctgc	ttcctgatct	1020
178	cagcctccca	ccctggacac	agcaccaccag	tccttggtcc	ggctgcatcc	accaataacc	1080
179	ctgataaccc	aggaccatt	acttctaggg	taaggagggt	ccaggagaca	gaagctgagg	1140
180	aaaggtctga	agaagtcaca	tctgtcctgg	ccagagggga	aaaaccatca	gatgctgaac	1200
181	caggagaatg	ttgaccagg	aaagggaccg	aggacccaag	aaaggagtca	gaccaccagg	1260
182	gtttgcctga	gaggaaggat	caaggccccg	agggaaagca	gggctggctg	catgtgcagg	1320
183	acactgggtg	ggcatatgtg	tcttagattc	tcctgaatt	cagtgtccct	gccatggcca	1380
184	gactctctac	tcaggcctgg	acatgctgaa	ataggacaat	ggccttgtcc	tctctcccca	1440
185	ccatttggca	agagacataa	aggacattcc	aggacatgcc	ttcctgggag	gtccagggtc	1500
186	tctgtctcac	acctcagggg	ctgtagttag	tgcatcagcc	atggtaggtg	ctgatctcac	1560
187	ccagcctgtc	caggcccttc	cactctccac	tttgtgacca	tgtccaggac	caccctcag	1620
188	atcctgagcc	tgcaataacc	cccttgtctg	gtgggtggat	tcagtaaaaa	gtgagctcct	1680
189	atccagcccc	cagagccacc	tctgtcacct	tcctgtctgg	catcatecca	ccttcacaag	1740
190	cactaaagag	catggggaga	cctggctagc	tgggtttctg	catcacaag	aaaataatcc	1800
191	cccagggttcg	gattcccagg	gctctgtatg	tggagctgac	agacctgagg	ccaggagata	1860
192	gcagaggtca	gccctaggga	gggtgggtca	tccaccaggg	ggacaggggt	gcaccagcct	1920
193	tgctactgaa	agggcctccc	caggacagcg	ccatcagccc	tgctgagag	ctttgctaaa	1980
194	cagcagtcag	aggaggccat	ggcagtggtc	gagctcctgc	tccaggcccc	aacagaccag	2040

PAGE: 5

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/392,822

DATE: 03/21/2000

TIME: 11:26:36

Input Set: I392822.RAW

195	accaaagcga	caatgcagtc	cttccccaac	gtcacaggtc	accaaagggga	aactgaggtg	2100
196	ctacctaacc	ttagagccat	caggggagat	aacagcccaa	tttcccaaac	aggccagttt	2160
197	caatcccatg	acaatgacct	ctctgctctc	attcttccca	aaataggacg	ctgattctcc	2220
198	cccaccatgg	atcttctcct	tgtcccgga	gccttttctg	ccccctatga	tctgggcact	2280
199	cctgacacac	acctcctctc	tgggtgacata	tcaggggtccc	tcactgtcaa	gcagtccaga	2340
200	aaggacagaa	ccttgagacag	cgcccatctc	agcttcaccc	ttcctccttc	acaggggttca	2400
201	gggcaaaagaa	taaatggcag	aggccagtga	gccagagat	ggtgacaggc	agtacccag	2460
202	gggcagatgc	ctggagcagg	agctggcggg	gccacaggga	gaaggatgatg	caggaaggga	2520
203	aaccagaaa	tgggcaggaa	aggaggacac	aggctctgtg	gggctgcagc	ccaggggttg	2580
204	actatgagtg	tgaagccatc	tcagcaagta	aggccaggtc	ccatgaacaa	gagtgggagc	2640
205	acgtggcttc	ctgctctgta	tatgggggtg	gggattccat	gccccataga	accagatggc	2700
206	cgggggttcag	atggagaagg	agcaggacag	gggatcccca	ggataggagg	acccagtggt	2760
207	ccccaccag	gcaggtgact	gatgaatggg	catgcagggt	cctcctgggc	tgggctctcc	2820
208	ctttgtccct	caggattcct	tgaaggaaca	tccggaagcc	gaccacatct	acctggtggg	2880
209	ttctggggag	tccatgtaaa	gccaggagct	tgtgttgcta	ggaggggtca	tggcatgtgc	2940
210	tgggggcacc	aaagagagaa	acctgagggc	aggcaggacc	tggctctgagg	aggcatggga	3000
211	gccagatgg	ggagatggat	gtcaggaaaag	gctgccccat	cagggagggt	gatagcaatg	3060
212	gggggtctgt	gggagtgggc	acgtgggatt	ccctgggctc	tgccaagttc	cctcccatag	3120
213	tcacaacctg	gggacactgc	ccatgaaggg	gcgcctttgc	ccagccagat	gctgctggtt	3180
214	ctgcccatcc	actaccctct	ctgctccagc	cactctgggt	ctttctccag	atgccctgga	3240
215	cagccctggc	ctgggcctgt	cccctgagag	gtgttgggag	aagctgagtc	tctggggaca	3300
216	ctctcatcag	agtctgaaag	gcacatcagg	aaacatccct	ggtctccagg	actaggcaat	3360
217	gaggaaagg	ccccagctcc	tccctttgcc	actgagagg	tcgaccctgg	gtggccacag	3420
218	tgaactctgc	gtctgtccca	gtcaccctga	aaccacaaca	aaaccccagc	cccagaccct	3480
219	gcaggtacaa	tacatgtggg	gacagtctgt	acccagggga	agccagttct	ctcttcttag	3540
220	gagaccgggc	ctcagggtctg	tgcccggggc	aggcgggggc	agcacgtgcc	tgtccttgag	3600
221	aactcgggac	cttaagggtc	tctgctctgt	gaggcacagc	aaggatcctt	ctgtccagag	3660
222	atgaaagcag	ctcctgcccc	tctctgacc	tcttctcct	tcccaaatct	caaccaacaa	3720
223	ataggtgttt	caaactctcat	catcaaatct	tcatccatcc	acatgagaaa	gcttaaaacc	3780
224	caatggattg	acaacatcaa	gagttggaac	aagtggacat	ggagatgtta	cttgtggaaa	3840
225	tttagatgtg	ttcagctatc	gggcaggaga	atctgtgtca	aattccagca	tgggttcagaa	3900
226	gaatcaaaaa	gtgtcacagt	ccaaatgtgc	aacagtgcag	gggataaaac	tgtggtgcat	3960
227	tcaaaactgag	ggatattttg	gaacatgaga	aaggaaggga	ttgctgctgc	acagaacatg	4020
228	gatgatctca	cacatagagt	tgaagaaaag	gagtcaatcg	cagaatagaa	aatgatcact	4080
229	aattccacct	ctataaagtt	tccaagagga	aaacccaatt	ctgctgctag	agatcagaat	4140
230	ggaggtgacc	tgtgccttgc	aatggctgtg	agggtcacgg	gagtgtcact	tagtgcaggc	4200
231	aatgtgccgt	atcttaatct	gggcagggtc	ttcatgagca	cataggaatg	cagacattac	4260
232	tgtgtgttcc	atcttacttc	accggaaaag	aagaataaaa	tcagccgggc	gcgggtggctc	4320
233	acgcctgtaa	tcccagcact	ttagaaggct	gaggtgggca	gattacttga	ggtcaggagt	4380
234	tcaagaccac	cctggccaat	atgggtgaaac	cccggctcta	ctaaaaatac	aaaaattagc	4440
235	tgggcaggtg	ggtgcgcgcc	tgtaatccca	gctactcggg	aggctgaggc	tggacaattg	4500
236	cttggaccca	ggaagcagag	gttgacagtga	gccaagattg	tgccactgca	ctccagcttg	4560
237	ggcaacagag	ccagactctg	taaaaaaaaa	aaaaaaaaaa	aaaaaaagaa	agaaaagaaa	4620
238	agaaaagaaa	gtataaaatc	tctttgggtt	aacaaaaaaa	gatccacaaa	acaaacacca	4680
239	gctcttatca	aacttacaca	actctgccag	agaacaggaa	acacaaatac	tcattaactc	4740
240	acttttgtgg	caataaaacc	ttcatgtcaa	aaggagacca	ggacacaatg	aggaagtaaa	4800
241	actgcaggcc	ctacttgggt	gcagagagg	aaaatccaca	aataaaacat	taccagaagg	4860
242	agctaagatt	tactgcattg	agttcattcc	ccaggtatgc	aagggtgattt	taacacctga	4920
243	aaatcaatca	ttgcctttac	tacatagaca	gattagctag	aaaaaaatta	caactagcag	4980
244	aacagaagca	atctggcctt	cctaaaaattc	cacatcatat	catcatgatg	gagacagtgc	5040

PAGE: 6

**VERIFICATION SUMMARY**  
**PATENT APPLICATION US/09/392,822**

DATE: 03/21/2000  
TIME: 11:26:36

Input Set: I392822.RAW

Line ? Error/Warning

Original Text

-----